

ABSTRACT

The invention relates to a method for atomizing an aqueous suspension of zinc oxygen compounds using a nozzle (6) in a flow of hot air enabling a powder to be obtained, the Flodex index thereof being less than 15 and the compressibility index thereof being less than 20%. The powder is formed from micro-spherical particles whose diameter is approximately 50-200 μ m preferably 70-90 μ m, made of smaller unit particles which are perfectly dispersable in elastomers or paints, for example. Said products can be used advantageously in the vulcanization of rubber.